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Air Force Technical Manual Contract Requirements (TMCR)
For
A/S 32P-23 Fire Truck Hub Assembly Redesign

NSN xxxxxxxxxxxxx

(Program/Modification/Military System)

ATTACHMENT _____ TO CDRL SEQUENCE NUMBER _____ EXHIBIT _____

REQUEST FOR PROPOSAL/CONTRACT: FD20600170306P

Date: 13 Jul 2001

Technical Manual/Technical Order requirements contained herein have been cleared for use by OMB No.
0704-0188, 21 July 1986.

SECTION 1. TECHNICAL ORDER (TO) PROGRAM REQUIREMENTS

1. TMCR Tailoring. Not applicable to this contract, see paragraph 16.
2. TO Program Scope. Not applicable to this contract, see paragraph 16.
3. Commercial Manuals. **Deleted.**
4. Technical Manual Specifications and Standards (TMSS) Tailoring. Not applicable to this contract, see paragraph 16.
5. Subsequent TO/Data Requirements. Not applicable to this contract, see paragraph 16.
6. TO Development. Not applicable to this contract, see paragraph 16.
7. TO Numbering. Not applicable to this contract, see paragraph 16.
8. Data Rights. (T) Government rights in data are specified in the Defense Federal Acquisition Regulation Supplement (DFARS); paragraphs 227-7102 through 227-7104 located at WR-ALC/PK Robins AFB GA. (<http://www.pkec.robins.af.mil>.) Offerors shall propose Unlimited Rights for all source data and TOs prepared specifically for the contract.
9. Classification, Distribution, Destruction, Disclosure, and Export Control Notices. Offerors shall determine, mark and control classified and restricted distribution data and TOs. Processes must conform to government requirements specified in DOD 5200.1-R, DODD 5230.24, AFIs 31-401 and 61-204, and MIL-STD-38784. **NOTE:** Distribution limitations are normally determined on a case-by-case basis as TOs are developed, dependent upon TO content.
10. TO Quality. Not applicable to this contract, see paragraph 16.
 - 10.1. Conferences and Technical Reviews. Not applicable to this contract, see paragraph 16.
 - 10.2. TO Certification. Not applicable to this contract, see paragraph 16.
 - 10.3. Verification Support. Not applicable to this contract, see paragraph 16.
11. TO and Source Data Maintenance. (T) Offerors shall maintain accuracy, currency and configuration of TOs and source data throughout the contract period of performance. Maintenance includes

preparation of TO and source data updates to incorporate corrections, equipment configuration changes, and maintenance and operational concept changes, as well as government recommend changes resulting from validation, verification and IOT&E.

12. TO Delivery. Not applicable to this contract, see paragraph 16.

12.1. SGML-Tagged Files. Not applicable to this contract, see paragraph 16.

12.2. Indexed Adobe™ Portable Document Format (IPDF) Files. Not applicable to this contract, see paragraph 16.

12.3. Native Format Data/Digital File. Not applicable to this contract, see paragraph 16.

13. Schedules. Not applicable to this contract, see paragraph 16.

14. Time Compliance Technical Orders (TCTOs). Not applicable to this contract, see paragraph 16.

15. TO Reproduction Management. **Deleted.**

16. Program Specific Requirements. (T) The following paragraphs provides detailed development and delivery requirements for the **A/S 32P-23 Fire Truck Hub Assembly Redesign** program. The contractor shall update technical manuals (see section 2) to procured configuration of equipment. This update shall be developed in the form of a change to the existing manuals. Changes shall cover Operation and Maintenance inspection requirements, lubrication, overhaul and repair procedures, installation instructions, special tools, and illustrated parts breakdown. Within 150 days after award of the contract, contractor shall submit three (3) review copies of each draft change for technical orders listed in table 2. Within 270 days after award of the contract, contractor shall submit final TO changes for government verification. Government may require up to 30 days completing the review and forward comments to the contractor. Following receipt of government comments, contractor shall submit final TO change with in 60 days. Reproduction delivery shall be a combination of direct image Copy and Digital Data on CD-ROM.

SECTION 2. TM TYPE AND DELIVERY REQUIREMENTS

NOTES:

- Mark the TM Type Selection Tables indicating the applicable TO types and related specifications. For additional interface requirements see the program-specific Government Concept of Operations (GCO) and DOD 5000.2-R.
- Manuals delivered using this table and DI-TMSS-80067, CFAE/CFE Notices, must be reviewed and approved by the Air Force prior to delivery.
- IPBs are developed IAW MIL-PRF-38807, except that MIL-DTL-87929 will also be used for IPBs combined with work packages. A separate IPB may be required for this effort. Final determination will be made during the initial guidance conference.
- All checklists, except aircrew and nuclear weapons checklists, are developed IAW MIL-PRF-5096.
- MIL-PRF-83495 requires DOD-STD-863 requirements to be levied on engineering data for preparation of end item wiring data and schematic diagrams.
- Delivery requirements are indicated in the TM Delivery Requirements matrices.
- Digital data media format requirements are specified in MIL-STD-1840. Use MIL-STD-1840 as a guide when completing Part B - TM Delivery Requirements.
- For further information on Air Force Digital Data Strategy, see WWW address http://www.pdsm.wpafb.af.mil/datamgt/data_mgt.htm.

TABLE 2
ADDITIONAL TM TYPE SELECTIONS

NOTES:

- Check all applicable boxes.
- For commercial manual supplemental data only, under the specification heading, enter "Same style and format," "MIL-PRF-38807" (for IPB data), or "MIL-STD-38784."
- For existing MIL-SPEC manuals not being updated to latest specification requirements, enter "Same style and format" under the specification heading.

TO Number, Title, or Type of Manual	Specification	Com- mercial Manual	Change/ Revision	Supple- ment	Supple- mental TM	Source Data
1. 36A12-8-17-11		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. 36A12-8-17-12		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. 36A12-8-17-14		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PART A – TM TYPE SELECTION TABLES

TABLE 1

TMSS REQUIREMENTS FOR THE (A/S 32P-23 Fire Truck Hub Assembly Red Design) Program
(System/Component)

Title or Type of Manuals	Specification	Required
1 Operation and Maintenance Instructions in Work Package Format	MIL-DTL-87929	Yes
a. Maintenance Manuals		
(1) Intermediate Maintenance		<input type="checkbox"/>
(2) Depot Maintenance		<input type="checkbox"/>
(3) Combined (I&D) Maintenance		<input type="checkbox"/>
(4) On Condition Maintenance		<input type="checkbox"/>
b. Operation & Maintenance Instruction Manuals		<input checked="" type="checkbox"/>
c. Special Manuals		
(1) Aircraft Engine Testing and Trending Procedures		<input type="checkbox"/>
(2) Aircraft Power Package Testing Procedures		<input type="checkbox"/>
(3) Static Firing of Missile Motors		<input type="checkbox"/>
(4) System Peculiar Corrosion Control		<input type="checkbox"/>
(5) Nondestructive Inspection (NDI)		<input type="checkbox"/>
(6) Aircraft Structural Integrity Program (ASIP)		<input type="checkbox"/>
(7) ATE Operator Test Procedures		<input type="checkbox"/>
(8) Special Requirements for Storage and Maintenance Procedures; AUR Munitions/Launchers and Associated Support Equipment, Conventional Components and CMBR Agents		<input type="checkbox"/>
(9) Parachute Packing Procedures		<input type="checkbox"/>
(10) Operators Instructions (Hand-Held Flight Computers)		<input type="checkbox"/>
(11) Installation-Engineering Facility (Ground C-E Equipment)		<input type="checkbox"/>
d. Checklists (IAW MIL-PRF-5096)		<input type="checkbox"/>
e. With Illustrated Parts Breakdown (see notes)	MIL-PRF-38807	<input checked="" type="checkbox"/>

PART B - TM DELIVERY REQUIREMENTS**FOR A/S 32P-23 Fire Truck Hub Assembly Redesign***(System/Item)***TM DATA TYPE DELIVERED MIXED .***(TMSS/Change/Supplement/etc.)**(Replicate form for each TM type required.)***Delivery Format Requirements Codes**Paper (draft or manuscript only. Cannot be used for final delivery)Mixed paper and digital (P/I)

Digital delivery only:

N. - Native (Frame Maker)I. - Indexed Portable Document Format (IPDF) File.**EXAMPLE:** M(N) / 2 [Paper and Native / 2 copies]**NOTES:**

- Delivery format requirements codes indicate the media/file format to be delivered for each program event.
- TCTO requirements are specified in the contract vehicle approving the TCTO.
- When on-line access (e.g., CITIS) is a contractual requirement, copy quantity will normally be 0 (zero).

DELIVERY SCHEDULE				
Event ⇨ Number of days data required prior to event⇨ Enter Office Symbol and Address ⇩ ⇩	Technical Review(s) (150 Days After Contract Receipt) ⇩	Verification (210 Days) After Contract Receipt) ⇩	Prepublication Review (240 Days) After Government Review ⇩	*Final Submission (270 Days) prior to delivery ⇩
WR-ALC/LKCB Attn: Teena Horne 460 Richard Ray Blvd. Suite. 221 Robins AFB GA. 31098-1640.	P / 3	P / 3	P/3 I/1 N/1	P/3 I/1 N/1
* Final submission of source data 90 days prior to delivery of Hub Assembly to the Air Force.	/	/	/	/
	/	/	/	/
	/	/	/	/
Total Copies Required:	P/3	P/3	P/3	P/3 I/1 N/1